

# 1998 Human Factors Information System Report for Plant Docket 220

Combined IR/ER/LER Report  
Docket: 50-220 NINE MILE POINT 1

Total Number of Hits in Date Range: 103  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 1			
Percent of total: .97			
52-Communication un	T-Training	T-Testing	50-220/1998002
	T-Training		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.94			
53-Communication LT	O-Operations	O-Control Room Ops	50-220/199801400
	O-Operations		
54-No communication	O-Operations	O-Control Room Ops	50-220/199801400
	O-Operations		
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .97			
73-Excessive Noise	O-Operations	O-Control Room Ops	50-220/1998013
Human-System Interface and Environm ER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm LER			
Number of items: 0			
Percent of total: 0			
Management and Supervision IR			
Number of items: 7			
Percent of total: 6.8			
32-Supervision / co	O-Operations	T-Testing	50-220/1997012
40-Individual Corre	O-Operations	Z-Other	50-220/1998001
40-Individual Corre	T-Training	Z-Other	50-220/1998003
48-Audits or proble	G-Engineering	Z-Other	50-220/1998006
33-Management expec	O-Operations	A-Administrative	50-220/1998013
40-Individual Corre	O-Operations	Q-Fire Protection	50-220/1998014
32-Supervision / co	O-Operations	Q-Fire Protection	50-220/1998014
Management and Supervision ER			
Number of items: 1			
Percent of total: .97			
40-Individual Corre	T-Training	Z-Other	50-220/1998003
Management and Supervision LER			
Number of items: 5			
Percent of total: 4.85			
42-No action planne	B-Plant Management	O-Control Room Ops	50-220/199800300
Page: 1	Date:01/13/1999		

Combined IR/ER/LER Report  
Docket: 50-220 NINE MILE POINT 1

Total Number of Hits in Date Range: 103  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Management and Supervision LER			
Number of items: 5			
Percent of Total: 4.85			
31-No supervision	O-Operations	O-Control Room Ops	50-220/199800300
40-Individual Corre	O-Operations	B-Bal of Plant Ops	50-220/199801500

## Human Factors Information System Report

44-Corrective Actio M-Mechanical M-Maint / Repair 50-220/199801600  
 36-Scheduling and p W-Work Control / Sc M-Maint / Repair 50-220/199801700

## Organizational Issues IR

Number of items: 0  
 Percent of total: 0

## Organizational Issues ER

Number of items: 0  
 Percent of total: 0

## Organizational Issues LER

Number of items: 0  
 Percent of total: 0

## Procedures and Reference Document IR

Number of items: 12  
 Percent of total: 11.65

12-Procedure techni	G-Engineering	G-Design	50-220/1997012
12-Procedure techni	G-Engineering	G-Design	50-220/1998001
12-Procedure techni	G-Engineering	G-Design	50-220/1998001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-220/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-220/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-220/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-220/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-220/1998002
12-Procedure techni	G-Engineering	G-Design	50-220/1998002
13-Procedure has hu	G-Engineering	G-Design	50-220/1998003
13-Procedure has hu	H-Health Physics	P-Procedure Dev	50-220/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-220/1998006

## Procedures and Reference Document ER

Number of items: 0  
 Percent of total: 0

## Procedures and Reference Document LER

Number of items: 6  
 Percent of total: 5.83

12-Procedure techni	W-Work Control / Sc	M-Maint / Repair	50-220/199800100
12-Procedure techni	O-Operations	P-Procedure Dev	50-220/199800200
12-Procedure techni	O-Operations	P-Procedure Dev	50-220/199800200
11-No procedure / r	O-Operations	O-Control Room Ops	50-220/199800400
12-Procedure techni	G-Engineering	F-Modification	50-220/199801300
12-Procedure techni	G-Engineering	F-Modification	50-220/199801300

## Training IR

Number of items: 4  
 Percent of total: 3.88

02-Training LTA	T-Training	M-Maint / Repair	50-220/1998002
-----------------	------------	------------------	----------------

Page: 2 Date:01/13/1999

## Combined IR/ER/LER Report

Docket: 50-220 NINE MILE POINT 1

Total Number of Hits in Date Range: 103

From 01/01/1998 to 12/31/1998

2x National Average: 255

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Training IR

Number of items: 4  
 Percent of Total: 3.88

02-Training LTA	T-Training	S-Surveillance	50-220/1998006
05-Individual knowl	G-Engineering	Z-Other	50-220/1998006
06-Simulator fideli	T-Training	Z-Other	50-220/1998017

## Training ER

Number of items: 2  
 Percent of total: 1.94

05-Individual knowl	O-Operations	Z-Other	50-220/1998003
05-Individual knowl	O-Operations	Z-Other	50-220/1998003

## Training LER

Number of items: 10  
 Percent of total: 9.71

05-Individual knowl	W-Work Control / Sc	M-Maint / Repair	50-220/199800100
02-Training LTA	P-Procedure Writers	P-Procedure Dev	50-220/199800200
02-Training LTA	O-Operations	O-Control Room Ops	50-220/199800300
02-Training LTA	O-Operations	O-Control Room Ops	50-220/199800300
02-Training LTA	O-Operations	O-Control Room Ops	50-220/199801400
02-Training LTA	O-Operations	V-Troubleshooting	50-220/199801600

## Human Factors Information System Report

02-Training LTA	M-Mechanical	V-Troubleshooting	50-220/199801600
02-Training LTA	G-Engineering	V-Troubleshooting	50-220/199801600
02-Training LTA	A-Administrative Su	V-Troubleshooting	50-220/199801600
05-Individual knowl	O-Operations	A-Administrative	50-220/199801700

## Work Factors IR

Number of items: 36

Percent of total: 34.95

84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-220/1997012
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-220/1998001
83-Work practice or	O-Operations	Z-Other	50-220/1998001
81-Work Package Qua	G-Engineering	Z-Other	50-220/1998001
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-220/1998001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-220/1998001
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-220/1998001
83-Work practice or	Z-Other	M-Maint / Repair	50-220/1998001
83-Work practice or	G-Engineering	A-Administrative	50-220/1998001
83-Work practice or	G-Engineering	F-Modification	50-220/1998001
91-Verification / p	G-Engineering	P-Procedure Dev	50-220/1998001
93-Awareness or att	O-Operations	A-Administrative	50-220/1998002
93-Awareness or att	G-Engineering	A-Administrative	50-220/1998002
81-Work Package Qua	G-Engineering	G-Design	50-220/1998002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-220/1998002
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-220/1998002
81-Work Package Qua	T-Training	Z-Other	50-220/1998003
81-Work Package Qua	T-Training	Z-Other	50-220/1998003
83-Work practice or	O-Operations	S-Surveillance	50-220/1998005
93-Awareness or att	G-Engineering	S-Surveillance	50-220/1998005
87-Non-conservative	U-Unknown	Z-Other	50-220/1998005
87-Non-conservative	U-Unknown	Z-Other	50-220/1998005
83-Work practice or	Q-QA/QC	Z-Other	50-220/1998006

Page: 3

Date:01/13/1999

## Combined IR/ER/LER Report

Docket: 50-220 NINE MILE POINT 1

Total Number of Hits in Date Range: 103

From 01/01/1998 to 12/31/1998

2x National Average: 255

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Work Factors IR

Number of items: 36

Percent of Total: 34.95

83-Work practice or	O-Operations	O-Control Room Ops	50-220/1998013
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-220/1998013
85-Team interaction	O-Operations	M-Maint / Repair	50-220/1998013
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-220/1998013
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-220/1998013
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-220/1998013
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-220/1998013
85-Team interaction	O-Operations	M-Maint / Repair	50-220/1998013
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-220/1998014
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-220/1998014
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-220/1998014
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-220/1998014
83-Work practice or	G-Engineering	F-Modification	50-220/1998014

## Work Factors ER

Number of items: 3

Percent of total: 2.91

81-Work Package Qua	T-Training	Z-Other	50-220/1998003
81-Work Package Qua	T-Training	Z-Other	50-220/1998003
81-Work Package Qua	T-Training	Z-Other	50-220/1998003

## Work Factors LER

Number of items: 13

Percent of total: 12.62

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-220/199800300
92-Self check LTA	O-Operations	O-Control Room Ops	50-220/199800400
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-220/199800400
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-220/199800400
91-Verification / p	O-Operations	O-Control Room Ops	50-220/199800400
92-Self check LTA	E-Electrical	T-Testing	50-220/199801100
82-Briefing, prep.	E-Electrical	T-Testing	50-220/199801100
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-220/199801500
88-Tag outs LTA	O-Operations	B-Bal of Plant Ops	50-220/199801500
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-220/199801500
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-220/199801500
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-220/199801500
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-220/199801700

**[End of File for Plant Docket 220 (1998)]**

---